

POKORNY, J.

Pokorný, J. Oresaky. (Vyd. 1.) Praha, Brázda, 1952. p. 83 (Lesnické knihovny, sv. 12)
(Walnut trees. Illus. bibl.)

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L. C. Vol. 3 No. 1 Jan. '54 Uncr.

POKORNY, J.; ZEMANEK, R.

Tractors equipped with brushes for the maintenance of
roads. p. 277.
(INZENYRSKE STAVBY, vol. 3, no. 8, Aug. 1954, Praha)

SO: Monthly List of East European Accession, (EEAL),
LC, Vol. 4, No. 11, Nov. 1955, Uncl.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8

POKORNY, J.

"Problems of Insulators in the Power Industry." p. 239, Praha, Vol. 4, no. 5, May 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8"

POKORNY, J.

Contribution to the study of the natural occurrence of the spruce
Picea excelsa Link in Bohemia. p. 270.

OCHRANA PRIRODY. Praha. Vol. 10, no. 9, Nov. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

POKORNÝ, J.

Problem concerning the original distribution of spruce in the Cerny
Kostelec area in central Bohemia. p.3. SBORNÍK RADA LESNICTVÍ. Praha.
Ceskoslovenska akademie zemedelskych ved. Vol. 23, no. 1, Feb. 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 4, No. 12, December 1955

POKORNÝ, J.; BENDA, L.

Prototype of a semiautomatic glazing line. p. 83.

Vol. 34, no. 3, Mar. 1956

STAVIVO

Praha, Czechoslovakia

Source: East European Accession List. Library of Congress

Vol. 5, No. 8, August 1956

POKORNÝ, J.

Rancidity and stability of fats, p. 212, SOVETSKA VEDA: POTRAVINARSTVI
(Ceskoslovenska akademie ved. Chemicka sekce) Praha, Vol. 3, No. 3,
1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 12, December 1955

POKORNY, J.

Determination of peroxide numbers in fats on a laboratory scale. p. 297.
Vol. 6, no. 6. 1955. PRUJMYSL POTRAVIN. Praha.

Source: East European Accessions List(EEAL), LC, Vol. 5, No. 3. March 1956.

POKORNY, J.

Some new important derivatives of fatty acids; nitriles, amides,
amines. p.72

PRUMYSL POTRAVIN. (Ministerstvo potravinarskeho prumyslu) Praha

Vol. 6, no. 2, 1955

East European Accessions List

Vol. 5 No. 1

Jan. 1956

Pokorny, J.

✓ 3651. Colorimetric determination of peroxides by
titanium (IV) salts. I. Determination of hydrogen
peroxide. J. Glaser and J. Pokorny. Vyska
chem. techn. Prague, reprinted 1954.

Jan 1954 49 (1) 131. The authors describe
a simple method for the colorimetric determination
of hydrogen peroxide based on the formation of a colored
complex produced when a 10-ml concn. of H_2O_2 is
treated with 4 ml of the reagent (produced by
dissolving 40 g of $TiCl_4$ in 1 litre of 37 per cent
HCl) and diluting to 100 ml, filters of 460 or 480 m μ
transmission being used. The Beer - Lambert
law holds only for an H_2O_2 concn. range from 10^{-4}
to $2 \times 10^{-3} M$. To achieve max. intensity, an
excess of 4 moles of $TiCl_4$ to 1 mole of H_2O_2 is
sufficient. Neither the intensity nor the stability
of the coloration is affected by the presence of Cu^{+2} ,
 Fe^{+2} , Zn^{+2} , Mn^{+2} , Mg^{+2} , NO_3^- , ClO_4^- , PO_4^{3-} and
 SO_4^{2-} . Al³⁺ reduces the intensity only but Ni²⁺ and
iron³⁺ reduce both the intensity and the stability
of the coloured complex. Phosphate ions in
concn. $> 5 \times 10^{-3} M$ interfere. G. GLASER

2

FH

Pokorný, J.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Applications - Oils and Fats, Waxes, Soaps,
Detergents. Flotation Agents.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37666
Author : Pokorný, J.
Inst :
Title : Laboratory Determination of Peroxide Number of Greases.
Orig Pub : Prumysl Potravin, 1956, 6, No 6, 297-298

Abstract : Given is a comparative evaluation of various methods
of peroxide number determination.

Card 1/1

POKORNÝ JAN

Relation between iodine values of fatty acids in vegetable oils and in soap stocks. Vladimír Jančík, Jan Pokorný, and Enil Mareš (Výzk. ústav. oleje a tuky, Ústí n.L., Czech.). Prámy: Polrávin 7, 213-15 (1920).—Refining brings about a decrease in the I value of vegetable oils with the exception of linseed oil where I value is slightly increased. The I of the fatty acids isolated by acidifying the alk. refining soapstocks or extd. in refining the crude oil with MeOH was lower by 5-10 units. (In linseed oil by 20-50 units) than the I value of the original oil (both caled. to glyceride basis). L. J. Urbánek

Pokorny, J.

Pokorny, J. Properties of blown oils and their dependence on
oxidation. p. 39.

Vol. 8, no. 1, 1957
PRUMYSL POTRAVIN
TECHNOLOGY
Czechoslovakia

So. East European Accessions, Vol. 6, No. 5, May 1957

POKORNÝ J,

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and
Their Application - Fats and oils. Waxes. Soap.
Detergents. Flotation reagents J-11

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 6072

Author : Pokorný Jan, Jancik Vladimir

Inst : Not given

Title : Investigation of the Process of Hydrogenation of Fats

Orig Pub : Prumysl potravin, 1957, 8, No 7, 356-361

Abstract : As a result of verification of various methods of control of the process of hydrogenation of oils, it was found that it is best to determine at the same time the melting point and the index of refraction on the condition of strict adherence to the set conditions of hydrogenation (amount of catalyst, temperature, duration, pressure and uniformity of

Card 1/2

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Card 2/2

Orig pub: Prumysl potravin, 1957, 8, No 9, 491-492.

Abstract: Results of the effect of mercuric acetate on the determination of iodine number by the Ganus-Rosemund-Kungen methods are given. It is found that mercuric acetate not only increases the rate of reaction but also shows somewhat higher values (higher by 1% as compared to the Rosemund-Kungen method).

Card 1/1

POKORNY, Jan, doc. inz. CSc.

Fast method of determining the degree of fat rancidity in food. Prum potravin 15 no.11;559-561 N '64.

1. Chair of Food Chemistry and Testing of the Higher School of Chemical Technology, Prague.

KLEIN, Stanislav, doc. inz. CSc.; POKORNY, Jan, doc. inz. CSc.; FILIPEK, Ivan, inz.

Oxidation changes in the fat of herring during processing. Prum potravin 16 no. 2;66-68 F '65.

1. Higher School of Chemical Technology, Prague. Submitted October 23, 1964.

Hrdlicka, Jiri, inz. dr. CSc.; Fokorný, Jan, inz. CSc.; Janáček, Gustav, prof.
inz. dr.

Study of the chemical composition of oat varieties. Rost. výroba
11 nc.3:231-242 Mr '65.

1. Chair of Food Chemistry and Testing of the Higher School of
Chemical Technology, Prague 6, Technická 5. Submitted May 26,
1964.

POKORNY, Jan, inz. CSc.; VRANA, Jan, inz.; ZAJIC, Jiri, inz. CSc.

Bleaching purified cotton seed fat acids. Pt.2. Prum potravin 16
no.1:43-44 Ja '65.

1. Higher School of Chemical Technology, Prague. Submitted
June 6, 1964.

POKORNY, Jan; SEFR, Zdenek; VODICKA, Miloslav

Preparing protein concentrates from extracted rape groats.
Prum potravin 15 no. 6:285-286 Je '64.

1. Higher School of Chemical Technology, Prague (for Pokorny).
2. Severooceske tukove zavody, Usti nad Labem (for Sefr and Vodicka).

POKORNY, Jan; JANICEK, Gustav; ZWAIN, Hashmiya

Effect of the rape seed quality on the quality of rape oil.
Prum potravin 15 no.5:217-219 My '64.

1. Chair of Food Chemistry and Testing, Higher School of
Chemical Technology, Prague.

POKORNY, Jan; KOPECKY, Antonin; DLOUHA, Jirina

Cane wax as cosmetic raw material. Prum potravin 14 no.11:
579-580, 612 N'63.

1. Vysoka skola chemickotechnologicka, katedra chemie a
zkouseni potravin, Praha (for Pokorny). 2. Sdruzeni tu-
koveho prumyslu, Vyzkumny ustav pro tuky a oleje, Praha.
(for Kopecky and Dlouha).

POKORNY, Jan, inz., CSc.; FILIPEK, Ivan, inz.

Cosmetic creams with addition of vegetable oils. Frum
potravin 14 no.11:601-603 N°63.

1. Vysoka skola chemickotechnologicka, katedra chemie a
zkouseni potravin, Praha (for Pokorny). 2. Vysoka skola
chemickotechnologicka, katedra konzervarenske technologie,
Praha (for Filipek).

PLISKA, Vladimir; POKORNY, Jan

Abstracts of reports on the conference at the Department of Food Chemistry and Analysis, Faculty of Food Technology, Institute of Chemical Technology, Prague. Sbor potrav VŠChT Vol.5, pt.2:267-285 '61 [publ. '62].

POKORNY, Jan; KUBATOVÁ, Jana; JANICEK, Gustav

Effect of various ingredients on the consistency of chocolate
coatings. Pt.1-2. Sbor potrav VSChT Vol.5, pt.2:233-265
'61 [publ. '62].

1. Chaire de chimie et d'expertise alimentaire, faculte de
technologie alimentaire, Ecole superieure de technologie
chimique, Prague.

POKORNY, Jan; KARVANEK, Milan; SMISEK, Josef; CEPICKA, Jaroslav

Determining the iodine number of fatty acids by hypohalogenites
in alkaline medium. Sbor potrav VSChT Vol.5, pt.2:93-119
'61 [publ. '62].

1. Institut fur Chemie und Untersuchung von Lebensmitteln,
Fakultat fur Lebensmitteltechnologie, Chemisch-Technolo-
gische Hochschule, Prag.

POKORNY, Jan; CMOLIK, Jiri

A study of the autoxidation of some vegetable oils at elevated temperature. Pt. 9. Sbor potrav VSChT Vol.5, pt.2:163-176 '61 [publ. '62].

1. Department of Food Chemistry and Analysis, Faculty of Food Technology, Institute of Chemical Technology, Prague.

POKORNY, Jan

A study of the autoxidation of some vegetable oils at elevated temperatures. Pt.10. Sbor potrav WSGH Vol.5, pt.2:177-191 '61 [publ. '62].

1. Department of Food Chemistry and Analysis, Faculty of Food Technology, Institute of Chemical Technology, Prague.

POKORNY, Jan [Pokorný, Ján]; VAVRA, Radomir

Hydrogenation of fats. Pt.2. Sbor potrav VSČMI Vol.5,
pt.2:121-162 '61 [publ. '62].

1. Kafedra khimii i ispytaniya pishchevnykh produktov,
fakul'tet pishchevoy tekhnologii, Khimichesko-tehnologiches-
kiy institut, Praha, i Severocheskie zavody zhirovoy
promyshlennosti, nats predpr., Usti nad Laboy.

POKORNY, Jan; KUBATOVA, Jana; JANICEK, Gustav

Dilatometric measurement of solid fats. Pt.1. Sbor potrav
VSChT Vol.5, pt.2:193-213 '61 [publ. '61].

1. Department of Food Chemistry and Analysis, Faculty of Food
Technology, Institute of Chemical Technology, Prague.

JANICEK, Gustav; KUBATOVA, Jana; POKORNY, Jan

Dynamics of consistency changes of cocoa butter, hydrogenated groundnut fat and their mixtures during storage. Sbor potrav VSGFT Vol.5, pt.2:215-232 '61 [publ. '62].

1. Lehrstuhl fur Lebensmittelchemie und -untersuchung, Chemisch-Technologische Hochschule, Prag.

POKORNY, Jan, inz., C.Sc.; POKORNA, Eva, inz.; TOMANKOVA, Ilona, inz.

Acetylated fats in cosmetic creams. Prum potravin 13 no.6:
323-326 Je '62.

1. Vysoka skola chemickotechnologicka, fakulta potravinarske
technologie, Praha.

SEEMAN, Jiri; ZASTERA, Milan; POKORNY, Jan; HUBNER, Jiri

Epidemiological examination of the glandular form of toxoplasmosis.
Cas. lek. cesk. 101 no.49:1441-1445 7 D '62.

1. Ustav epidemiologie a mikrobiologie v Praze, reditel prof. dr.
K. Raska.
(TOXOPLASMOSIS) (LYMPHADENITIS)

EXCERPTA MEDICA Sec. 17 Vol. 3/5 Public Health May 57

1420. POKORNÝ J., PŘIVORA M. and BUCHNA J. Úst. Epidemiol. e Mikrobiol., Praha. *K. možnostem použití směsi chlorových preparátů se suntapony a neokalem k desinfekci. The results with disinfection using mixtures of chlorine disinfectant with syntapons and neokal ČSL. EPIDEM. MIKROBIOL. IMUN. 1956, 5/2 (83-86) Tables 4

The disinfective properties of chloramine and chlorseptol are not influenced if mixed with the detergents syntapon L (powder CP or CP paste), or with powdered neokal. These mixtures may be stored under similar conditions as the mentioned chlorine disinfectants without significant change of their disinfective properties for at least 2 months; they possess the same cleansing capacity as the detergents themselves. The mixtures can be used for cleansing when disinfection as well as a cleansing action is aimed at. Mixtures containing chlorseptol may in some cases replace lysol.

RASKA, K.; SYRUCEK, L.; SOBESLAVSKY, O.; POKORNY, J.; PRIVORA, M.; HAVLIK, O.;
LIM, D.; ZASTERA, M.

Rodents of epizootiology of Q rickettsiosis. Cesk. epidem. mikrob.
imman. 5 no.5:246-250 Sept 56.

1. Ustav epidemiologie a mikrobiologie, Praha, red. prof. Dr.
K. Raska.

(Q FEVER, epidemiol.

in Czech., role of rodents in epizootiology (Cz))

(RODENTS

role in epizootiology of Q fever in Czech. (Cz))

CZECHOSLOVAKIA / Microbiology. Hygionic Microbiology.

F-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90859

Author : Pokorny, Josef

Inst : Not given

Title : Determination of the Number of Bacteria in Surface
Waters Using Membrane Filters

Orig Pub : Ceskosl. hyg., 1957, 2, No 7, 412-416 (Czech; res. Russ.,
Eng.)

Abstract : The number of bacteria in the water was determined by
application of the direct method of investigation in
membrane filters No. 1 (MF), made in the SSSR. The
specimen of water was preliminary filtered in order to
remove the extraneous detritus. The bacteria held back
on the MF was stained according to the modified method
of Padavot and Kalina (Československá mikrobiologie, 1956,
1, 183-187). They investigated the water of two

Card 1/2

POKORNY J.

CZECHOSLOVAKIA/Microbiology - General Microbiology.

F-1

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67048
Author : Pokorny, J., Havlik, O.
Inst :
Title : The Purification of Contaminated Culture of Leptospires by Means of Membrane Filters.
Orig Pub : Ceskosl. epidemiol., microbiol., imunol., 1957, 6, No 3, 204-208.

Abstract : To purify leptospire cultures contaminated by foreign microflora, membrane filters (MF) were used from SARTORIUS Company (Gettingen) specified as No 5, 1, 2, 3, 8 and 10. It was demonstrated that MF No 3 with an average diameter of pores of $0.3\text{ }\mu$ retain yeast cells and sporidiferous bacteria forms. They let *Staphylococcus albus* and leptospirs pass through. The MF No 8 (diameter of $0.025\text{ }\mu$) and No 10 (diameter of $0.01\text{ }\mu$) do not pass leptospirs. By this method, thirty strains of leptospirs were successfully purified.

Card 1/1

Ustro spiroterializaci a mikrobiologie, Praha,
- 1 -

MANYCH, Jiri; POKORNÝ, Jan

Disinfection of pathogenic fungi using current disinfection methods and detergents. Česk. epidem. mikrob. imun. 6 no.3: 209-212 May 57.

1. Katedra epidemiologie lek.fak. hyg. KU v Praze, Ustav epidemiologie a mikrobiologie v Praze, reditel prof. Dr. K. Raska.

(MUNGI, eff. of drugs on
antiseptics, enhancement of eff. with detergents (Cz))
(ANTISEPTICS, eff.
on fungi, enhancement of eff. with detergents (Cz))
(DETERGENTS, eff.
enhancement of eff. on antiseptics on fungi (Cz))

HAVLIK, O.; POKORNY, J.; LIM, D.

Attempt at the experimental demonstration of the activity of a focus
of *L. grippotyphosa*; preliminary report. *J. Hyg. Epidem.*, Praha 2 no.2:
184-189 1958.

1. Institute of Microbiology and Epidemiology, Praha 12, Srobarova
48, Czechoslovakia.

(LEPTOSPIROSIS, experimental
attempted demonstration of activity of Leptospira
grippotyphosa focus)

POKORNY, Jan; HAVLIK, Otto

Experimental infection of Apodemus sylvaticus L. with leptospiras L. grippotyphosa. Cesk.epidem.mikrob.immun. 9 no.2:88-92
Mr '60.

1. Ustav epidemiologie a mikrobiologie v Praze.
(LEPTOSPIROSIS exper.)

POKORNY, Jan; HUBNER, Jiri; ZASTERNA, Milan

Isolation of strains of *Toxoplasma gondii* in some domestic and
wild animals. *Cesk. epidem. mikrob. imun.* 10 no.5:323-329 s '61.

1. Ustav epidemiologie a mikrobiologie v Praze.
(TOXOPLASMOSIS Veterinary) (ZOOSES)

~~ZAMKERA~~, Milan; HUBNER, Jiri; POKORNY, Jan

Plan for standardization of the Sabin-Feldman reaction to toxoplasmosis.
Cesk. epidem. 11 no.2:122-126 Mr '62.

1. Ustav epidemiologie a mikrobiologie v Praze.

(TOXOPLASMOSIS immunology)

L 25983-66 RO

ACC NR: AP6015118

(A)

SOURCE CODE: CZ/0060/66/000/002/0050/0055

AUTHOR: Pokorny, J. (Lieutenant colonel; Docent; Doctor of medicine; Candidate of science); Pospisil, J. (Docent; Doctor of veterinary medicine; Candidate of science) 23
13

ORG: [Pokorny] Anesthesiology Department, Central Military Hospital, Prague (Anestezioogicke oddeleni Ustredni vojenske nemocnice); [Pospisil] Institute of Biophysics FVL KU /headed by Prof. Zdenek Dienstbier, M. D., Dr. Sc./, Prague (Biofyzikalni ustav FVL KU); Veterinary Research Center, Prague (Veterinarni vyzkumne stredisko)

TITLE: Changes in toxicity of certain anesthetic drugs used in experiments on mice with acute radiation illness 19

SOURCE: Vojenske zdravotnickie listy, no. 2, 1966, 50-55

TOPIC TAGS: drug effect, drug toxicity, anesthetic drug, radiation sickness

ABSTRACT: The need to know the toxicity of certain anesthetics to persons suffering from radiation sickness led to the present study of 14 anesthetic drugs. The following drugs — mostly Czechoslovakian products — were tested: thiopental, syntoatigmin, succinylcholinjodid, procuran, tubocurarin, remylan, syntophyllin, calcium chloratum, largactil, dolsin, procain, mesocain, hexamethonium and thiameton. Laboratory mice were irradiated using the Makrophos 250 apparatus. A total of 410 animals were tested; the drugs were injected intravenously in 5 doses, each drug to 10 irradiated

Cord 1/2

UDC: 616-001.26/.28-089.5-085.781-092.23

L 25983-66

ACC NR: AP6015118

animals and to 10 control animals. The test results are shown in a table and in graphs. From the data, tentative conclusions may be shown concerning use of these anesthetics during acute radiation sickness. However, final judgment should be reserved until the methods of administering clinical anesthesia to irradiated animals have been verified. Major changes in relative toxicity were found with chloropromazine (largactil) and mezocain. The authors consider the administration of these drugs to irradiated organisms to be unsuitable, while thiopental is considered safe, even in cases of acute radiation illness. Orig. art. has: 8 figures and 2 tables. [KS]

SUB CODE: 06/ SUBM DATE: none/ ATD PRESS: 4256

Card 212 Fw

1/1

LICHTENBERG, J.; BARTOS, J.; POKORNY, J.; VANCUSOVA, E.

Therapy of arteriosclerotic obliterations of the aortic bifurcation and arteries of the lower extremities by a palliative aorto-femoral prosthesis. Rozhl. chir. 43 no.12:793-797 D '64

1. I chirurgicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. J.Pavrovsky).

POKORNY, J.

Contribution of the literature on food to the Month of the Book.
Kvasny prum 11 no.3:68-69 Mr '65.

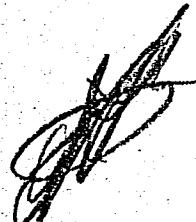
POKORNY, Jaroslav

On the governmental decision on foremen wage increase.
Prace mzda 12 no. 4:148-151 Ap '64.

Pokorný, E. JAROSLAV

3

2597. New method of determining the melting-point of hygroscopic substances. A. Sekera and
I. Pokorný (*Mikrochim. Acta*, 1954, [3-4], 268-
370).—The capillary m.p. tube has a small bulb
containing P_2O_5 . The substance of which the m.p.
is to be found is introduced into the tube past the
 P_2O_5 , and the tube is evacuated. After sufficient
time to allow complete drying, the tube is sealed
at a place beyond the P_2O_5 bulb, which is
drawn off. The m.p. is then found in the usual
way. The m.p. of nine substances determined by
this method were higher than those obtained by
the usual procedure. A. J. Max



SEKERA, Aleš; POKORNÝ, Jaroslav

Kofler's block and its use in pharmacy; 1, description and use of
the apparatus. Česk.farm. 4 no.3:146-151 Apr 55.

(MICROSCOPY, apparatus and instruments,

Kofler's block for micromeasurement of melting point,
use in pharmacy)

SEKERA, Ales; POKORNY, Jaroslav

Kofler's block and its use in pharmacy; I, determination of melting point. Cesk. farm. 4 no.4:194-198 May 55.

(MICROSCOPY

Kofler's block, micromeasurement of melting point, use in pharmacy)

POKORNY, Jaroslav, MUDr.

Treatment of gynecological diseases at Frantiskovy Lazne;
indications and contra-indications. Cesk. gyn. 21 no.4:
276-280 June 56.

1. Z gyn. dolec. ustavu I. P. Semmelweisse, Frant. Lazne
(predn. MUDr Jaroslav Pokorny).

(GYNECOLOGICAL DISEASES, therapy,

balneother., indic. & contra-indic. (Cz))

(BALNEOLOGY, in various diseases,

gyn. dis., indic. & contra-indic. (Cz))

SIANINA, Josef; POKORNY, Jaroslav

Rectangular x-ray technic in stomatology. Cesk. rentg. 12 no. 4:265-267
Dec 58.

1. Klin. zakladna rentgen. katedry UDL, prednosta prim. dr. J. Sianina
a stomatologicke oddeleni, prednosta prim. dr. J. Pokorny, nemocnice
Bulovky v Praze 8. J. S. Praha VIII - Bulovka.

(MOUTH, radiography
rectangular x-ray technic (Cz))

MELICHAR, Bohuslav; POKORNY, Jaroslav, Technicka spoluprace

Modified pH measurement in the determination of cholinesterase in a
large number of samples. Pracovni lek. 13 no.7:355-360 S '61.

1. Biochemicke oddeleni Vyzkumneho ustavu veterinarniho CSAZV, Brno.

(HYDROGEN ION CONCENTRATION) (CHOLINESTERASE chem)

38329

Z/003/62/000/013/001/001
D006/D102

261300

261350

AUTHOR: Pokorný, Jindřich, Engineer

TITLE: A spaceship with nuclear propulsion

PERIODICAL: Křídla vlasti, no. 13, 1962, 372-373

TEXT: The article describes a proposed space vehicle with nuclear propulsion for a round-trip Martian mission. It would be powered by a 270-MW graphite-moderated, uranium-fueled nuclear reactor with a core 1 m high by 1 m in diameter, and use hydrogen gas as propellant. The gas would be heated to the maximum temperature in the reactor and additionally accelerated by an electromagnetic field. To this end, small quantities of potassium would be injected into the gas stream to increase its electric conductivity. The required electrical energy would be produced by liquid-sodium-cooled thermionic converters. The vehicle would weigh 115,000 kg, including 43,000 kg of hydrogen propellant with tankage, and 7,000 kg of sustenance material for one year. Chemical rockets would launch the vehicle with a crew of three men into an earth orbit where nuclear propulsion would take over. Upon reactor start-up, three heat exchangers (minimum dimensions

Card 1/2

Z/003/62/000/019/001/001
D008/D102

AUTHOR: Pokorný, Jindřich, Engineer

TITLE: Long-distance space communications

PERIODICAL: Křídla vlasti, no. 19, 1962, 562-563

TEXT: This is a popular review of available long-distance space communications systems. Laser devices are considered to have great potentialities in space communications in the range of millions of kilometers. Consideration is also given to X-rays and gamma rays as potential space communications means which, however, would require either stationary relay stations on the moon, or solar orbiting relay satellites to overcome absorption problems by the earth atmosphere. The author concludes that the problem of communications with spaceships within our solar system has been at least theoretically solved, while new means of communications based on completely new principles will have to be found for space vehicles traveling outside our solar system. There are 3 figures.

Card 1/1

POKORNY, Jindrich, inz.

Protection of man against cosmic radiation. Letecky obzor 7 no.4:
110-111 '63.

L 10185-63EPA(b)/EWT(1)/FBD/FCC(w)/FS(v)/BDS/EEO-2/ES(+)//ES(a)/
ES(b)/ES(c)/ES(k)/ES(t)-AFFTC/ASD/AFMDC/ESD-3/APGC/SSD--Pd-4/Pg-4/Pi-4/
Pk-4/P1-4/Po-4/Pq-4/Pb-4/Pe-4--TT/BC/RD

ACCESSION NR: AP3003431

Z/0040/63/007/007/0206/0207

AUTHOR: Pokorny, Jindrich (engineer) // / /

TITLE: Rendezvous of spaceships in an earth orbit

SOURCE: Letecky obzor, v. 7, no. 7, 1963, 206-207

TOPIC TAGS: rendezvous, types of rendezvous, docking

ABSTRACT: The fact that the Vostok 3 and Vostok 4 capsules approached within 6.5 km of each other is considered proof that group orbiting around the earth and, later, the contact and joining of several spaceships in interplanetary space will be possible. By joining spaceships together, large space stations may be constructed. Such stations will facilitate launchings, at first for the moon and later for other planets, and may also have applications to fields such as radio communications and meteorology. Three similar methods for accomplishing the rendezvous of two vehicles in space by means of small auxiliary rockets are briefly discussed. Adjustment of the spaceship orbit and velocity can be accomplished either automatically or manually, but the actual joining must be manually controlled.

Card 1/2

9

L 16185-63

ACCESSION NR: AP30003431

The docking maneuver must be practiced on the ground in special simulating devices, now being constructed in both the USSR and the United States.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 26Jul63

ENCL: 00

SUB CODE: 00

NO REF SOV: 005

OTHER: 002

min/ak
Card 2/2

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8

POKORNY, Jindrich, ins.

Meeting of cosmos ships circulating around the earth. Letecky
obzor 7 no.7:206-207 '63.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8"

POKORNÝ, Jindřich, inz.

Increasing the resistance of airmen and cosmonauts to the
effects of great acceleration. Letecký obzor 7 no.9:270-271
S'63.

I 21323 66 FWA(h)
ACC NR: AP6010917

SOURCE CODE: CZ/005//65/026/010/0607/0614
29
3

AUTHOR: Pokorný, Jiri; Djadkov, Sergej

ORG: Institute of Radio Engineering and Electronics, ČSAV, Prague (Ustav radiotechniky a elektroniky ČSAV)

TITLE: Tandel, a nonlinear lossy capacitor

SOURCE: Slatoproudý obzor, v. 26, no. 10, 1965, 607-614

TOPIC TAGS: electric capacitor, RC circuit, temperature dependence

ABSTRACT:

A method is derived for determining the RC parallel equivalent circuit of a nonlinear lossy capacitor, and relations are formulated for its quality factor and some additional basic properties, from the time response of voltage and current. The properties of a triglycine-sulphate tandem are investigated on the basis of the theory derived in this manner. The RC equivalent circuit of the tandem has a validity limited only for the time response of the voltage on the basis of which the circuit was constructed. The tandem is a markedly nonlinear element, especially at low frequencies. Its power loss is high, and its quality factor is always less than 4. The dependence of the investigated properties on the ambient temperature is considerable. Orig. art. has: 10 figures, 26 formulas, and 2 tables. [JPRS]

SUB CODE: 09, 20 / SUBM DATE: 18Mar65 / ORIG REF: 008 / OTH REF: 004

UDC: 621.319.4

Card 1/1

POKORNY, Jiri MUDr

Significance of general anesthesia in bronchoscopy. Roshl.chir.
34 no.3:192-195 Mar 55.

1. Anestesiologické oddelení UVN, primář MUDr Lev Spindel
(BRONCHOSCOPY
anesthesia, inhalation in, indic.)
(ANESTHESIA, inhalation
in bronchoscopy, indic.)

~~POKORNÝ, Jiří, POSPISIL, Leopold~~

Prevention of prenatal mastitis with polyvalent staphylococcal
vaccine. Česk. gyn. 36 no.3:193-196 1957.

1. III. por. gyn. odd. KUNZ, Brno, prednosta MUDr. Antonín Černoch.
Mikrobiologický ústav LF MU, Brno, prednosta prof. MUDr. Václav Tomášek.
(MASTITIS, prev. & control
polyvalent micrococcal vaccine in prenatal mastitis (Cz))

POKORNY, Jiri

Experiences with general anesthesia in cesarean section. Cas.
lek. cesk. 96 no.15:463-468 12 Apr 57.

1. Ustredni vojenska nemocnice.
(CESAREAN SECTION, anesth. & analgesia
general anesth. (Cz))

POKORNÝ, J.

SCHREIBER, Bedrich, MUDr.; POKORNÝ, Jiří, MUDr.

Anti-renal auto-antibodies in kidney disease in pregnancy. Česk. gyn.
23[37] no.3:195-197 Apr 58.

1. I. por. gyn. klinika MU v Brně, prednosta prof. Dr. Ludvík Havlasek.
B. Sch. Brno Stalingradske nam. 15.

(PREGNANCY, compl.

kidney dis., anti-renal auto-antibodies in (Cz))

(KIDNEY DISEASES, in pregn.

level of anti-renal auto-antibodies (Cz))

(ANTIBODIES

anti-renal auto-antibodies in kidney dis. in pregn. (Cz))

POKORNÝ, Jiri

Ten years of the anaesthesiological department of the Central
Military Hospital. Rozhl. chir. 38 no.9:620-622 S '59
(HOSPITALS) (ANESTHESIOLOGY)

POKORNY, Jiri

Significance of ganglion-blocking agents in neurosurgical anesthesia.
Rozhl. chir. 38 no.11:758-762 Nov 59

1. Anesteziologické oddelení UVN, Praha.
(AUTONOMIC DRUGS, ther.) (NERVOUS SYSTEM, surg.)

KREJCAR, Milos; SIMECKOVA, Ljuba; POKORNY, Jiri

Thiobarbiturate level in the blood stream during labor. Cas. lek. cesk.
98 no.27:848-851 3 July 59.

1. III. gynekologicko-porodnicke oddeleni v Brne, prednosta doc. dr.
Cernoch. Ustav pro lekarskou chemii lekarske fakulty v Brne, prednosta
prof. dr. O. Wagner. M.K., Brno, III. gyn. por. odd.

(LABOR, anesth. & analgesia
barbiturates, blood level during labor (Cz))
(BARBITURATES, in blood
during anesth. in labor (Cz))

UNGEROVA, Hana; POKORNY, Jiri

A new method for washing the glass lids for microscopic specimens
of tissue cultures. Cz.morfologie 8 no.1:80-82 '60. (EKA 9:5)

1. Katedra biologie a sklarska dilna lekarske fakulty Karlovy uni-
versity, Hradec Králové.
(TISSUES)

KOLAROVA, Olga; POKORNY, Jiri, C.Sc.

Complications after artificial interruption of pregnancy. Cesk.
gyn.25[39] no.(:694-696 N '60.

1. III. gyn.por.odd. KUNZ v Brne, prednosta doc.dr. A.Cernoch.
(ABORTION THERAPEUTIC compl)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8

POKORNY, Jiri, C. Sc.

Sequelae of late gestoses. Cesk.gyn.25[39] no.3:205-208 1960.
(PREGNANCY TOXEMIAS compl.)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8"

POKORY, Jiri

Anesthesia in short-term and ambulant operations in otorhinolaryngology.
Cesk. otolar. 10 no.4:232-235 Ag '61.

1. Anestesiologické oddelení Ustřední vojenské nemocnice, Praha.
(OTORHINOLARYNGOLOGY anesth. & anal)

POKORNY, Jiri

Studies on the growth of school children from 1952. Cesk. pediat. 16
no.7/8:738-744 Jl-Ag '61.

(GROWTH in inf & child)

POKORNY, Jiri, C.Sc.

Histamine test in physiological pregnancy and in gestoses. Cesk.
gyn. 26[40] no.6:432-436 J1 '61.

1. III gyn. por. odd. Fak. por. v Brne, prednosta doc. MUDr. Antonin
Cernoch I gyn. klinika UJEvP v Brne, prednosta prof. MUDr. Ludvik
Havlasek.

(PREGNANCY physiol.) (PREGNANCY TOXEMIAS physiol.)
(HISTAMINE physiol.)

POKORNY, Jiri, doc., CSc.

Serotonin in normal and pathological pregnancy. *Cesk. gynek.* 27 no.1/2:
93-97 Mr '62.

1. Gyn. por. klin. UJEvP v Brne, prednosta prof. MUDr. L. Havlasek
Gyn. por. klin. University K. Marxe v Lipsku, predn. prof. dr. med.
N. Aresin.

(PREGNANCY blood) (PREGNANCY TOXEMIAS blood)
(SEROTONIN blood)

KOTASEK, Alfred, prof., DrSc.; POKORNY, Jiri, doc., CSc.

Relation of estrogens in women to late gestosis and their significance
for prognosis of the fetus. Česk. gynek. 27 no.1/2:98-101 Mr '62.

1. I por. klin. KU Praha, prednosta prof. MUDr. Karel Klaus, DrSc.
Gyn.-por. klin. University K. Marxe v Lipsku, prednosta prof. dr.
med. N. Aresin.

(PREGNANCY TOXEMIAS urine) (ESTROGENS urine)
(FETUS)

POKORNÝ, J., VACHA, K.; VITAK, B.; BRAZDÍRA, Z.

Maternal mortality in 1963 according to new criteria. Cesk.
gynek. 29 no. 9: 686-691 N '64

1. I gyn. - por. klin. lek. fak. University J.E. Purkyne
v Brne (prednosta prof. dr. L. Havlasek [deceased]); Gyn.
klin. lek. fak. Karlovy University v Hradci Králové (pred-
nosta doc. dr. K. Vacha, DrSc.) a Odbor peče o zenu a dite
min. zdravotnictví Ustřední es. advokacie v Praze.

BARTOS, J.; LICHTENBERG, J.; POKORNY, J.; VANOUSCOVA, E.

Reconstructive surgery of the femoral and popliteal arteries in
arteriosclerotic obliterations. Cas. lek. cesk. 104 no. 12-15
8 Ja '65

1. I. chirurgicka klinika fakulty všeobecného lékařství Karlovy
University v Praze (prednosta - prof. dr. J. Pavrovský) a IV. interní
klinika fakulty všeobecného lékařství Karlovy University v Praze
(prednosta - prof. dr. M. Fučík).

I 34517-66

ACC NR: AP6024710

SOURCE CODE: CZ/0042/65/000/010/0604/0619

AUTHOR: Pokorný, Jiri—Pokorný, Yu. (Engineer; Candidate of sciences); Fikart, Josef—Fikart, I.; Javorsky, Stanislav—Yavorský, S.

ORG: Institute of Radio Engineering and Electronics, CSAV, Prague (Ustav radiotekniky a elektroniky CSAV)

TITLE: Measurement of the properties of a tandem in a parametric frequency multiplier

SOURCE: Elektrotechnicky casopis, no. 10, 1965, 604-619

TOPIC TAGS: electronic equipment, frequency multiplication, electronic circuit, electric capacitor, resistor, electric capacitance, electric conductance

ABSTRACT: The paper presents the derivation of a method for determination of the properties of tandems (temperature auto-stabilized nonlinear dielectric element) in a parametric frequency multiplier, and experimental results are given. The tandem properties are expressed by means of an equivalent circuit formed by a parallel combination of a nonlinear lossless capacitor and a nonlinear resistor. The dependence of the capacitance and the conductance of the equivalent circuit on the voltage is expressed by the first terms of a power series. The expansion coefficients of the nonlinear capacitance and conductance into the power series

Card 1/2

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L 34547-66

ACC NR: AP6024710

are calculated from the measured values in the parametric frequency tripler with a tandem and are plotted on diagrams as a function of the available power of the source and the ambient temperature. All measured and estimated values depend solely on the temperature and supplied power. The power dissipated in the tandem is of great magnitude. This article was presented by T. Petrik, Orig. art. has: 12 figures and 20 formulas. [Based on authors' Eng. abst.]
[JPRS: 34,691]

SUB CODE: / 09 / SUBM DATE: 21Jan65 / ORIG REF: 002 / OTH REF: 005

Card 2/2

L 27640-66	EWT(m)
ACC NR: AP6015026	(A)
SOURCE CODE: CZ/0060/66/000/001/0014/0018	
AUTHOR: <u>Pokorny, Jiri</u> (Lieutenant colonel; Docent; Medical doctor; Candidate of sciences); <u>Pospisil, Jan</u> (Doctor of veterinary sciences; Docent; Candidate of sciences) ^{2/19}	
ORG: [Pokorny] Anesthesiology Department, Central Military Hospital, Prague (Anesteziologicke oddeleni Ustredni vojenske nemocnice); [Pospisil] Institute of Biophysics, FVL KU, Prague (Biofyzikalni ustav FVL KU); Veterinary Research Center, Prague (Veterinarni vyzkumne stredisko)	
TITLE: Experimental contribution to the utilization of four basic methods of anesthesia during acute radiation sickness ¹⁹	
SOURCE: Vojenske zdravotnické listy, no. 1, 1966, 14-18	
TOPIC TAGS: radiation sickness, radiation therapy, anesthesia, animal physiology	
ABSTRACT: The toxicity of anesthetics in irradiated animals was investigated. Dogs weighing an average of 30 kg and aged 1—6 years were used. Four groups of dogs were observed: Group 1 received anesthesia but was not irradiated; Group 2 received anesthesia 24 hours after irradiation; Group 3 was given anesthesia 7 days after irradiation; and Group 4 was irradiated but not given anesthesia. The dogs were irradiated with a mean dose of 300 r. Exposure duration was 60 minutes. The dogs were observed for 90 days, but no changes were detected after 50 days. Thiopental, ether, trichlorethylene, and thiopental by alcohol infusion were used as	
Card 1/2	UDC: 616.001.26/29-036.11-089.5-031.81

L 27640-65

ACC NR: AP6015026

2.

anesthetics. Inhaled anesthesia with trichlorethylene yielded surprisingly good results; the mortality rate of the animals in that group was lower than in the control group. Intravenous anesthesia of thiopental with alcohol infusion was found to be unsuitable. It was observed that anesthesia administered on the 7th day after irradiation was safest. Dosimetric control during the tests was carried out by Dr. Spurny, Institute of Nuclear Research, CSAV, Prague. Orig. art. has: 5 figures and 4 tables. [KS]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 008/ OTH REF: 027/ SOV REF: 003/

ATD PRESS: 5002

Card 2/2 CC

L 01504-66 EPF(c)/EWP(j)/EWA(h) RM

ACCESSION NR: AP5021074

CZ/0039/64/025/012/0687/0693

37

35

25

AUTHOR: Jelinek, Frantisek; Pokorny, Jiri

TITLE: Use of triglycine-sulphate TANDELS in parametric amplifiers

SOURCE: Slaboproudny obzor, v. 25, no. 12, 1964, 687-693

TOPIC TAGS: parametric amplifier, dielectric capacitor, electric capacitance, sulphate, glycine

ABSTRACT: The feasibility of using triglycine-sulphate (TGS) TANDELS (temperature-autostabilized nonlinear dielectric elements) in parametric amplifiers was analyzed theoretically and tested experimentally. Their use for this purpose is not recommended because of the low Q factor at high frequencies, and the small voltage sensitivity of the capacitance (i.e., a high pumping voltage is required). The Q factor is less than 10 already at frequencies in the order of 10 Mc; it depends on the relative complex permittivity of the dielectric and is independent of the crystal thickness and electrode surface. A higher voltage sensitivity can be obtained by reducing the thickness of the crystal. But reducing the distance between the electrodes increases the capacitance; therefore the electrode surface must be reduced. With the present technology of

Card 1/2

L 01504-66

ACCESSION NR: AP5021074

TGS capacitors, the weakest crystals are 0.1 to 0.2 mm thick and have an electrode surface of about 0.7 mm^2 . Therefore, TGS capacitors have a high capacitance and a small voltage sensitivity of capacitance. For use in parametric amplifiers it would be necessary to find instead of TGS a more suitable nonlinear dielectric, with lower losses in the range of operating temperatures, with lower permittivity, and with greater voltage sensitivity of capacitance. There was essential agreement between the experimental results and the computed values. Received 5 Mar 64.

44

ASSOCIATION: Ustav radiotechniky a elektroniky CSAV, Prague (Institute of the Czechoslovak Academy of Sciences CSAV)

SUBMITTED: 19Feb64

ENCL: 00

SUB CODE: EC

NR REF Sov: 000

OTHER: 009

JPRS

Card 2/2 DP

L 1038-66

ACCESSION NR: AP5025938

CZ/0042/65/000/005/0253/0264

AUTHOR: Pokorny, Jiri (Engineer, Candidate of sciences)

33

32

D

TITLE: Design of parametric amplifiers

SOURCE: Elektrotechnicky casopis, no. 5, 1965, 253-264

TOPIC TAGS: parametric amplifier, amplifier design, capacitor

ABSTRACT: [Author's Russian and English summaries, modified] A new formulation of the relations between currents and voltages on a nonlinear capacitor is derived on the basis of the small signal theory and the relations are expressed in the form of infinite matrices. The elements of those matrices are determined by complex amplitudes of the current and voltage and the coefficients of expansion of the charge into a power series. General formulas are given for calculation of the transducer gain and noise figure of parametric amplifiers, and also formulas for calculation of a step-up transformer and an amplifier with negative conductance. The described theory is suitable for the design of parametric amplifiers with nonlinear capacitors. Orig. art. has: 2 figures and 47 formulas.

Card 1/2

L 1038-66

ACCESSION NR: AP5025938

ASSOCIATION: Ustav radiotechniky a elektroniky CSAV, Prague (Institute of Radio
Engineering and Electronics, CSAV)

SUBMITTED: 100ct64

ENCL: 00

SUE CODE: EC

NR REF SOV: 001

OTHER: 007

JPRS

Card 2/2

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8

POKORNY, Jiri

Technical literature and the Month of the Book. Drevo 20 no.3:
117 Mr '65.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8"

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8

POKORNÝ, Jiri, dr.

Contribution of technical literature to the Month of the Book.
Kozarství 15 no.3:69-70 '65.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8"

POKORNY, Jiri

Technical literature in March, the Month of the Book. Sklar a
keramik 15 no.3:115-116 Mr '65.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8

POKORNY, Jiri, dr.

Seminars on technical literature study. Prva potravin 16
no.1/47-48 Ja '65.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8"

POKORNY, Jiri, inz.

Electrolytic phase isolation of the alloys Fe-Ni-Cr-Ti-Al-W [Mo]; Ni-Cr-Co-Ti-Al: Ni-Cr-Co-Ti-Al-Mo [W]. Hut listy 19 no. 2: 130-133 F '64.

1. Vyzkumny ustav hutnictvi zeleza, Praha.

L 30025-65
ACCESSION NR: AP4045679

Z/0042/64/000/007/0385/0395

AUTHOR: Pokorny, Jiri

9

TITLE: Resonance in circuits with nonlinear reactances

B

SOURCE: Elektrotechnicky casopis, no. 7, 1964, 385-395

TOPIC TAGS: nonlinear reactance, resonance, nonlinear inductance, nonlinear capacitance, parallel resonance circuit, linear inductance, linear capacitance, power supply voltage shape, current shape, resonance frequency, energy relation, Q factor

ABSTRACT: Parallel resonance circuits with nonlinear capacitances and resistances and series resonance circuits with nonlinear inductances and resistances are described in terms of the energy definition of resonance and the Q-factor. The authors note that it is possible to express resonance condition and Q-factor in terms of the energy relations of resonance circuits. The dependence of nonlinear reactances and resistances on voltage (or current) may be symmetrical or asymmetrical with regard to zero frequency voltage (or current). To the extent that the Q-factor of the circuit is high, it is relatively simple to determine the behavior of the circuit

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L 30025-65

ACCESSION NR: AP4045679

Q

From the energy relations. The condition for the validity of the derived relations is that the circuits have a high-Q-factor. Formulas are given for a parallel resonance circuit with nonlinear dependence of capacity and resistance on the voltage and linear inductance, and for a series resonance circuit with nonlinear inductance and resistance and linear capacitance. From the examples given, it follows that the resonance frequency is dependent on the voltage or current dependence of the nonlinear reactances on the current or voltage in the circuit (i.e., on the energy content in the reactances), and can depend on the shape of the voltage (or the current), the power supply, and the type of feed. The expressions given show what values of capacitance, inductance, and resistance are measured in circuits with nonlinear elements. This problem is particularly important in the measurement of nonlinear capacitances and inductances in resonance circuits. Orig. art. has: 47 formulas.

ASSOCIATION: Ustav radiotechniky a elektrotechniky CSAV, Prague (Institute of Radio Engineering and Electrical Engineering, CSAV)

SUBMITTED: 05Nov63

ENCL: 00

SUB CODE: EC

NO REF SOV: 004

OTHER: 002

Card 2/2

POKORNY, Jiri

Introducing the book series on food. Kvasny prum 10 no.10:
235 '0 '64.

JELINEK, Frantisek; POKORNY, Jiri

Use of triglycine sulfate TANDELS as parametric amplifiers. Slaboproudý
obzor 25 no.1:687-693 '64.

1. Institute of Radio and Electronic Engineering of the Czechoslovak
Academy of Sciences, Prague. Submitted March 5, 1964.

POKORNY, Jiri

Technical literature to be published in 1964. Drevo 18
no.11:429-430 N°63.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8

POKORNY, Jiri

Ten years of the activity of the State Publishing House
of Technical Literature. Kozarstvi 13 no. 11: 343 N '63.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341620015-8"

POKORNY, Jiri, dr.

Ten years of technological literature. Drevo 18 no. 7:270-272
J1 '63.

1. Statni nakladatelstvi technicke literatury, Praha.

POKORNÝ, Jiri, dr.

The 1965 publishing plan of the Club of Technical Literature Readers.
Drevo 19 no.12:469-470 D '64.

POKORNY, JOEL.

Metamorphosized ^{metamorphic}

1A

Beryl pegmatite of Scheibengraben near Martíkov, Moravia. J. Pokorný and J. Stanká (Masaryk Univ., Brno, Czech.). *Příroda Moravskoslezské Akad. Přírodověd* 23, 247-58 (1951) (English summary).—The pegmatite, intrusive into amphibolitic gneiss, is complex. The earliest phase contained K feldspars, quartz, tourmaline, mica, beryl, and columbite; a later albite-rich phase contains quartz, mica, garnet, spinel, and beryl. The last minerals to form in cavities were tourmaline, apatite, albite, mica, eucalite, bertrandite, and quartz. The pegmatite is too lean to be worked commercially. Michael Fleischer